## Correlation between Sunspot cycles and planets Jupiter and Saturn.

V. Mikula<sup>1,2</sup> mikula.vilem@ssedmail.gsfc.nasa.gov, G. Kletetschka<sup>1,2,3</sup>, and T. Adachi<sup>1,2</sup>

<sup>2</sup>Astrochemistry, GSFC/NASA, Greenbelt, MD, USA

## **Abstract**

We searched for a correlation between Sunspot cycles and Jupiter's orbital period using the Fast Fourier Transform (FFT) method.

[1] Solar Physics, Publisher: Springer Netherlands, Issue: Volume 224, Numbers 1-2, Pages: 5-19, Article: What the Sunspot Record Tells Us About Space Climate, Authors: David H. Hathaway and Robert M. Wilson.
[2] http://science.nasa.gov/ssl/pad/solar/greenwch/spot\_num.txt

<sup>&</sup>lt;sup>1</sup>Department of Physics, Catholic University of America, 200 Hannan Hall, Washington DC, USA

<sup>&</sup>lt;sup>3</sup>Institute of Geology, Acad. Sci. Czech Republic, Prague, Czech Republic